

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph at page 9, line 14, as follows:

Summary Disclosure of Invention

Please amend paragraph [0036] beginning at page 16, line 24, through page 20, line 1, as follows:

~~{FIG. 1}~~FIG. 1 is a horizontal sectional view showing a basic configuration of a light source device according to the first embodiment of the present invention.

~~{FIG. 2}~~FIG. 2 is a side sectional view of the above light source device.

~~{FIG. 3}~~FIG. 3 is a horizontal sectional view of a light source device according to the second embodiment of the present invention.

~~{FIG. 4}~~FIG. 4(a) is a horizontal sectional view showing one example of a specific lens structure for supporting a lens provided for the light source device according to the first embodiment of the present invention; and (b) is a front view showing the lens structure only.

~~{FIG. 5}~~FIG. 5(a) is a horizontal sectional view showing a variational example of a specific lens structure; and (b) is a front view showing the lens structure of the variational example.

~~{FIG. 6}~~FIG. 6 is a horizontal sectional view for explaining the behavior of the outgoing light emitted from an arc tube and the arrangement position of a condenser in a light source device according to the first embodiment of the present invention.

~~{FIG. 7}~~FIG. 7 is an illustrative view showing the focal length and image forming magnification of a lens.

~~{FIG. 8}~~FIG. 8 is a comparative chart showing the results of the use efficiency of the outgoing light emitted from a light source when the diagonal size of the predetermined area is varied.

~~{FIG. 9}~~FIG. 9 is a horizontal sectional view showing a basic configuration of a light source device according to the third embodiment of the present invention.

~~{FIG. 10}~~FIG. 10 is a horizontal sectional view showing a light source device according to the fourth embodiment of the present invention.

~~{FIG. 11}~~FIG. 11 is a horizontal sectional view showing a light source device according to the fifth embodiment of the present invention.

~~{FIG. 12}~~FIG. 12 is a horizontal sectional view showing a light source device according to the sixth embodiment of the present invention.

~~{FIG. 13}~~FIG. 13 is a schematic view showing a reflector according to the first variational example.

~~{FIG. 14}~~FIG. 14(a) is a schematic horizontal sectional view showing a reflector according to the second variational example; and(b) is a sectional view cut along a line I-I shown in (a).

~~{FIG. 15}~~FIG. 15(a) is a schematic horizontal sectional view showing a reflector according to the third variational example; and(b) is a sectional view cut along a line II-II shown in (a).

~~{FIG. 16}~~FIG. 16 is a schematic view showing an overall configuration of a video display apparatus according to one embodiment of the present invention.

~~{FIG. 17}~~FIGS. 17(a) and (b) are comparative illustrative views showing the directions of arrangement of arc tubes.

~~{FIG. 18}~~FIG. 18 is a horizontal section showing a schematic configuration of a light source device of the optical-axis parallel arrangement type.

~~{FIG. 19}~~FIG. 19 is a horizontal section showing the behavior of the outgoing light emitted from a light generation point of the light source device of the optical-axis parallel arrangement type shown in FIG. 18.

~~{FIG. 20}~~FIG. 20 is a top view showing a light source device of an optical-axis perpendicular arrangement type according to one example of the first prior art, wherein the reflecting surface of a reflector is formed with an ellipsoid.

~~{FIG. 21}~~FIG. 21 is a side view showing a light source device according to another example of the first prior art, wherein the light reflecting surface of a reflector is formed with an ellipsoid and the electrode axis of an arc tube is arranged perpendicularly to the optical axis.

~~{FIG. 22}~~FIG. 22 is a top view showing a light source device of the optical-axis perpendicular arrangement type according to one example of the second prior art, wherein the reflecting surface of a reflector is formed with a concentric spherical and a condenser lens is provided.

~~{FIG. 23}~~FIG. 23 is a side view showing the above light source device.

Please amend the paragraph at page 20, line 19, as follows:

Detailed Description of the Invention Best Mode for Carrying Out the Invention

Please amend paragraph [0076], page 37, lines 16-21, as follows:

[0076] The shape of the opening of the luminance equalization means 44a is determined depending on the angle of emission from the light source device, the image forming magnification determined by the area of a light valve 106[[206]] and the incident angle, in an aftermentioned projection type video display apparatus shown in FIG. 16.